

Integration Testing for Task Manager Application

Creating a task:




Automated Supermarket

Create Task

Task Name	Description	Task ID	State	Employee ID	Time of Task Creation	Time of Task Completion	Edit
Return Items to Shelves (Return Terminal Bin)	Return item(s) from bin at the Return Terminal	40	In Progress	16	Jan. 9, 2013, 6:43 p.m.	None	Edit
Restock Shelves (Careone Whitening Toothbrush Soft)	Restock the shelves for Careone Whitening Toothbrush Soft in Aisle 9	39	Complete	7	Jan. 9, 2013, 3:23 p.m.	Jan. 9, 2013, 3:45 p.m.	Edit
Assist Customer	Assist a customer at the Customer Assistance Terminal at the end of Aisle 8	38	Incomplete	0	Jan. 9, 2013, 5:23 p.m.	None	Edit
Return Items to Shelves (Aisle 3 Bin)	Return item(s) from bin at end of Aisle 3	37	Incomplete	0	Jan. 9, 2013, 6:34 p.m.	None	Edit
Assist Customer	Assist a customer at the Customer Assistance Terminal at the end of Aisle 8	36	Complete	31	Jan. 9, 2013, 4:15 p.m.	Jan. 9, 2013, 4:20 p.m.	Edit
Return Items to Shelves (Checkout Terminal 1)	Return item(s) from bin at Checkout Terminal 1	35	In Progress	23	Jan. 9, 2013, 3:34 p.m.	None	Edit
Return Items to Shelves (Aisle 6 Bin)	Return item(s) from bin at end of Aisle 6	34	In Progress	35	Jan. 9, 2013, 4:34 p.m.	None	Edit
Assist Customer	Assist a customer at the Customer Assistance Terminal at the end of Aisle 8	33	Complete	14	Jan. 9, 2013, 3:32 p.m.	Jan. 9, 2013, 3:40 p.m.	Edit
Assist Customer	Assist a customer at the Customer Assistance Terminal at the end of Aisle 8	32	Complete	12	Jan. 9, 2013, 9:23 a.m.	Jan. 9, 2013, 9:53 a.m.	Edit
Return Items to Shelves (Aisle 4 Bin)	Return item(s) from bin at end of Aisle 4	31	In Progress	30	Jan. 9, 2013, 8:54 a.m.	None	Edit

Create a new task:



Automated Supermarket

Task Name:
Test Task Name

Description:
Test Task Description

Create Task

Back to Task List

New task has been created in database:

```
1 SELECT * FROM SE_DB.tasks ORDER BY taskID desc;
2
```

Message	Result 1	Profile	Status			
taskName	description	taskID	state	employeeID	timeCreated	timeCompleted
Test Task Name	Test Task Description	41	Incomplete	(Null)	2020-04-02 19:16:36	(Null)
Return Items to Shelf	Return item(s) from bin at	40	In Progress	16	2013-01-09 18:43:00	(Null)
Restock Shelves (Care	Restock the shelves for Ca	39	Complete	7	2013-01-09 15:23:00	2013-01-09 15:45:00
Assist Customer	Assist a customer at the C	38	Incomplete	(Null)	2013-01-09 17:23:00	(Null)
Return Items to Shelf	Return item(s) from bin at	37	Incomplete	(Null)	2013-01-09 18:34:00	(Null)
Assist Customer	Assist a customer at the C	36	Complete	31	2013-01-09 16:15:00	2013-01-09 16:20:00
Return Items to Shelf	Return item(s) from bin at	35	In Progress	23	2013-01-09 15:34:00	(Null)
Return Items to Shelf	Return item(s) from bin at	34	In Progress	35	2013-01-09 16:34:00	(Null)
Assist Customer	Assist a customer at the C	33	Complete	14	2013-01-09 15:32:00	2013-01-09 15:40:00
Assist Customer	Assist a customer at the C	32	Complete	12	2013-01-09 09:23:00	2013-01-09 09:53:00
Return Items to Shelf	Return item(s) from bin at	31	In Progress	30	2013-01-09 08:54:00	(Null)

New task shows up in task manager:

Task Created ✕



Automated Supermarket

Create Task

Task Name	Description	Task ID	State	Employee ID	Time of Task Creation	Time of Task Completion	Edit
Test Task Name	Test Task Description	41	Incomplete	None	April 2, 2020, 7:16 p.m.	None	Edit
Return Items to Shelves (Return Terminal Bin)	Return item(s) from bin at the Return Terminal	40	In Progress	16	Jan. 9, 2013, 6:43 p.m.	None	Edit
Restock Shelves (Careone Whitening Toothbrush Soft)	Restock the shelves for Careone Whitening Toothbrush Soft in Aisle 9	39	Complete	7	Jan. 9, 2013, 3:23 p.m.	Jan. 9, 2013, 3:45 p.m.	Edit
Assist Customer	Assist a customer at the Customer Assistance Terminal at the end of Aisle 8	38	Incomplete	0	Jan. 9, 2013, 5:23 p.m.	None	Edit
Return Items to Shelves (Aisle 3 Bin)	Return item(s) from bin at end of Aisle 3	37	Incomplete	0	Jan. 9, 2013, 6:34 p.m.	None	Edit
Assist Customer	Assist a customer at the Customer Assistance Terminal at the end of Aisle 8	36	Complete	31	Jan. 9, 2013, 4:15 p.m.	Jan. 9, 2013, 4:20 p.m.	Edit
Return Items to Shelves (Checkout Terminal 1)	Return item(s) from bin at Checkout Terminal 1	35	In Progress	23	Jan. 9, 2013, 3:34 p.m.	None	Edit
Return Items to Shelves (Aisle 6 Bin)	Return item(s) from bin at end of Aisle 6	34	In Progress	35	Jan. 9, 2013, 4:34 p.m.	None	Edit
Assist Customer	Assist a customer at the Customer Assistance Terminal at the end of Aisle 8	33	Complete	14	Jan. 9, 2013, 3:32 p.m.	Jan. 9, 2013, 3:40 p.m.	Edit

Editing a task:



Automated Supermarket

Create Task

Task Name	Description	Task ID	State	Employee ID	Time of Task Creation	Time of Task Completion	Edit
Test Task Name	Test Task Description	41	Incomplete	None	April 2, 2020, 7:16 p.m.	None	Edit
Return Items to Shelves (Return Terminal Bin)	Return item(s) from bin at the Return Terminal	40	In Progress	16	Jan. 9, 2013, 6:43 p.m.	None	Edit
Restock Shelves (Careone Whitening Toothbrush Soft)	Restock the shelves for Careone Whitening Toothbrush Soft in Aisle 9	39	Complete	7	Jan. 9, 2013, 3:23 p.m.	Jan. 9, 2013, 3:45 p.m.	Edit
Assist Customer	Assist a customer at the Customer Assistance Terminal at the end of Aisle 8	38	Incomplete	0	Jan. 9, 2013, 5:23 p.m.	None	Edit
Return Items to Shelves (Aisle 3 Bin)	Return item(s) from bin at end of Aisle 3	37	Incomplete	0	Jan. 9, 2013, 6:34 p.m.	None	Edit
Assist Customer	Assist a customer at the Customer Assistance Terminal at the end of Aisle 8	36	Complete	31	Jan. 9, 2013, 4:15 p.m.	Jan. 9, 2013, 4:20 p.m.	Edit
Return Items to Shelves (Checkout Terminal 1)	Return item(s) from bin at Checkout Terminal 1	35	In Progress	23	Jan. 9, 2013, 3:34 p.m.	None	Edit
Return Items to Shelves (Aisle 6 Bin)	Return item(s) from bin at end of Aisle 6	34	In Progress	35	Jan. 9, 2013, 4:34 p.m.	None	Edit
Assist Customer	Assist a customer at the Customer Assistance Terminal at the end of Aisle 8	33	Complete	14	Jan. 9, 2013, 3:32 p.m.	Jan. 9, 2013, 3:40 p.m.	Edit
Assist Customer	Assist a customer at the Customer Assistance Terminal at the end of Aisle 8	32	Complete	12	Jan. 9, 2013, 3:33 p.m.	Jan. 9, 2013, 3:53 p.m.	Edit

Edit the task:



Automated Supermarket

	Task Name	Description	Task ID	State	Employee ID	Time of Task Creation	Time of Task Completion
Original	Test Task Name	Test Task Description	41	Incomplete	None	April 2, 2020, 7:16 p.m.	None
Edit	Task Name Edit	Task Description Edit	41	Complete	12	2020-04-02 19:16:00	2020-04-02 19:30:00

Update Task

Delete Task

Back to Task List

Task is edited in database:

```
1 SELECT * FROM SE_DB.tasks ORDER BY taskID desc;
2
```

Message	Result 1	Profile	Status			
taskName	description	taskID	state	employeeID	timeCreated	timeCompleted
Task Name Edit	Task Description Edit	41	Complete	12	2020-04-02 19:16:00	2020-04-02 19:30:00
Return Items to Shelf	Return item(s) from bin at	40	In Progress	16	2013-01-09 18:43:00	(Null)
Restock Shelves (Care	Restock the shelves for Ca	39	Complete	7	2013-01-09 15:23:00	2013-01-09 15:45:00
Assist Customer	Assist a customer at the C	38	Incomplete	(Null)	2013-01-09 17:23:00	(Null)
Return Items to Shelf	Return item(s) from bin at	37	Incomplete	(Null)	2013-01-09 18:34:00	(Null)
Assist Customer	Assist a customer at the C	36	Complete	31	2013-01-09 16:15:00	2013-01-09 16:20:00
Return Items to Shelf	Return item(s) from bin at	35	In Progress	23	2013-01-09 15:34:00	(Null)
Return Items to Shelf	Return item(s) from bin at	34	In Progress	35	2013-01-09 16:34:00	(Null)
Assist Customer	Assist a customer at the C	33	Complete	14	2013-01-09 15:32:00	2013-01-09 15:40:00
Assist Customer	Assist a customer at the C	32	Complete	12	2013-01-09 09:23:00	2013-01-09 09:53:00
Return Items to Shelf	Return item(s) from bin at	31	In Progress	30	2013-01-09 08:54:00	(Null)
Assist Customer	Assist a customer at the C	30	Complete	21	2013-01-09 14:23:00	2013-01-09 14:34:00
Restock Shelves (Bare	Restock the shelves for Ba	29	In Progress	57	2013-01-09 12:23:00	(Null)
Return Items to Shelf	Return item(s) from bin at	28	Incomplete	(Null)	2013-01-09 09:23:00	(Null)
Restock Shelves (Guav	Restock the shelves for Gu	27	In Progress	20	2013-01-09 13:32:00	(Null)

Old task and new task shown:



Automated Supermarket

Modified Task:

	Task Name	Description	Task ID	State	Employee ID	Time of Task Creation	Time of Task Completion
Old	Test Task Name	Test Task Description	41	Incomplete	None	April 2, 2020, 7:16 p.m.	None
New	Task Name Edit	Task Description Edit	41	Complete	12	April 2, 2020, 7:16 p.m.	April 2, 2020, 7:30 p.m.

Back to Task List


Deleting a task:



Automated Supermarket

Create Task

Task Name	Description	Task ID	State	Employee ID	Time of Task Creation	Time of Task Completion	Edit
Task Name Edit	Task Description Edit	41	Complete	12	April 2, 2020, 7:16 p.m.	April 2, 2020, 7:30 p.m.	Edit
Return Items to Shelves (Return Terminal Bin)	Return item(s) from bin at the Return Terminal	40	In Progress	16	Jan. 9, 2013, 6:43 p.m.	None	Edit
Restock Shelves (Careone Whitening Toothbrush Soft)	Restock the shelves for Careone Whitening Toothbrush Soft in Aisle 9	39	Complete	7	Jan. 9, 2013, 3:23 p.m.	Jan. 9, 2013, 3:45 p.m.	Edit
Assist Customer	Assist a customer at the Customer Assistance Terminal at the end of Aisle 8	38	Incomplete	None	Jan. 9, 2013, 5:23 p.m.	None	Edit
Return Items to Shelves (Aisle 3 Bin)	Return item(s) from bin at end of Aisle 3	37	Incomplete	None	Jan. 9, 2013, 6:34 p.m.	None	Edit
Assist Customer	Assist a customer at the Customer Assistance Terminal at the end of Aisle 8	36	Complete	31	Jan. 9, 2013, 4:15 p.m.	Jan. 9, 2013, 4:20 p.m.	Edit
Return Items to Shelves (Checkout Terminal 1)	Return item(s) from bin at Checkout Terminal 1	35	In Progress	23	Jan. 9, 2013, 3:34 p.m.	None	Edit
Return Items to Shelves (Aisle 6 Bin)	Return item(s) from bin at end of Aisle 6	34	In Progress	35	Jan. 9, 2013, 4:34 p.m.	None	Edit
Assist Customer	Assist a customer at the Customer Assistance Terminal at the end of Aisle 8	33	Complete	14	Jan. 9, 2013, 3:32 p.m.	Jan. 9, 2013, 3:40 p.m.	Edit
Assist Customer	Assist a customer at the Customer Assistance Terminal at the end of Aisle 8	32	Complete	12	Jan. 9, 2013, 9:23 a.m.	Jan. 9, 2013, 9:53 a.m.	Edit



Automated Supermarket

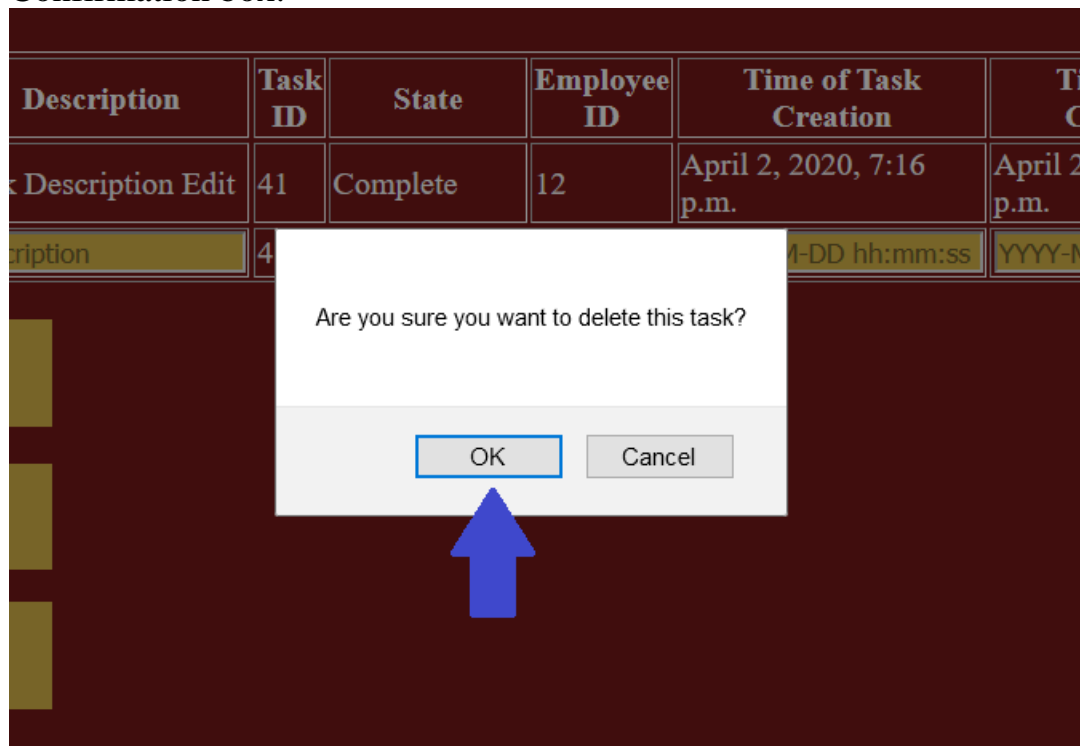
	Task Name	Description	Task ID	State	Employee ID	Time of Task Creation	Time of Task Completion
Original	Task Name Edit	Task Description Edit	41	Complete	12	April 2, 2020, 7:16 p.m.	April 2, 2020, 7:30 p.m.
Edit	Task Name	description	41	Incomplete	12	YYYY-MM-DD hh:mm:ss	YYYY-MM-DD hh:mm:ss

Update Task

Delete Task

Back to Task List

Confirmation box:



Task deleted from database:

```
1 SELECT * FROM SE_DB.tasks ORDER BY taskID desc;
2
```

Message	Result 1	Profile	Status			
taskName	description	taskID	state	employeeID	timeCreated	timeCompleted
Return Items to Shelf	Return item(s) from bin at	40	In Progress	16	2013-01-09 18:43:00	(Null)
Restock Shelves (Care	Restock the shelves for Ca	39	Complete	7	2013-01-09 15:23:00	2013-01-09 15:45:00
Assist Customer	Assist a customer at the C	38	Incomplete	(Null)	2013-01-09 17:23:00	(Null)
Return Items to Shelf	Return item(s) from bin at	37	Incomplete	(Null)	2013-01-09 18:34:00	(Null)
Assist Customer	Assist a customer at the C	36	Complete	31	2013-01-09 16:15:00	2013-01-09 16:20:00
Return Items to Shelf	Return item(s) from bin at	35	In Progress	23	2013-01-09 15:34:00	(Null)
Return Items to Shelf	Return item(s) from bin at	34	In Progress	35	2013-01-09 16:34:00	(Null)
Assist Customer	Assist a customer at the C	33	Complete	14	2013-01-09 15:32:00	2013-01-09 15:40:00
Assist Customer	Assist a customer at the C	32	Complete	12	2013-01-09 09:23:00	2013-01-09 09:53:00
Return Items to Shelf	Return item(s) from bin at	31	In Progress	30	2013-01-09 08:54:00	(Null)
Assist Customer	Assist a customer at the C	30	Complete	21	2013-01-09 14:23:00	2013-01-09 14:34:00
Restock Shelves (Bare	Restock the shelves for Ba	29	In Progress	57	2013-01-09 12:23:00	(Null)
Return Items to Shelf	Return item(s) from bin at	28	Incomplete	(Null)	2013-01-09 09:23:00	(Null)
Restock Shelves (Guav	Restock the shelves for Gu	27	In Progress	20	2013-01-09 13:32:00	(Null)
Return Items to Shelf	Return item(s) from bin at	26	Incomplete	(Null)	2013-01-09 11:24:00	(Null)
Assist Customer	Assist a customer at the C	25	Complete	3	2013-01-09 12:15:00	2013-01-09 14:23:00
Restock Shelves (Ahol	Restock the shelves for Ah	24	Complete	15	2013-01-09 08:15:00	2013-01-09 08:15:00
Assist Customer	Assist a customer at the C	23	Complete	53	2013-01-09 10:15:00	2013-01-09 10:20:00
Return Items to Shelf	Return item(s) from bin at	22	Complete	41	2013-01-09 08:15:00	2013-01-09 08:30:00

Task gone from task manager:

Task Deleted ✕



Automated Supermarket

Create Task

Task Name	Description	Task ID	State	Employee ID	Time of Task Creation	Time of Task Completion	Edit
Return Items to Shelves (Return Terminal Bin)	Return item(s) from bin at the Return Terminal	40	In Progress	16	Jan. 9, 2013, 6:43 p.m.	None	Edit
Restock Shelves (Careone Whitening Toothbrush Soft)	Restock the shelves for Careone Whitening Toothbrush Soft in Aisle 9	39	Complete	7	Jan. 9, 2013, 3:23 p.m.	Jan. 9, 2013, 3:45 p.m.	Edit
Assist Customer	Assist a customer at the Customer Assistance Terminal at the end of Aisle 8	38	Incomplete	None	Jan. 9, 2013, 5:23 p.m.	None	Edit
Return Items to Shelves (Aisle 3 Bin)	Return item(s) from bin at end of Aisle 3	37	Incomplete	None	Jan. 9, 2013, 6:34 p.m.	None	Edit
Assist Customer	Assist a customer at the Customer Assistance Terminal at the end of Aisle 8	36	Complete	31	Jan. 9, 2013, 4:15 p.m.	Jan. 9, 2013, 4:20 p.m.	Edit
Return Items to Shelves (Checkout Terminal 1)	Return item(s) from bin at Checkout Terminal 1	35	In Progress	23	Jan. 9, 2013, 3:34 p.m.	None	Edit
Return Items to Shelves (Aisle 6 Bin)	Return item(s) from bin at end of Aisle 6	34	In Progress	35	Jan. 9, 2013, 4:34 p.m.	None	Edit
Assist Customer	Assist a customer at the Customer Assistance Terminal at the end of Aisle 8	33	Complete	14	Jan. 9, 2013, 3:32 p.m.	Jan. 9, 2013, 3:40 p.m.	Edit
Assist Customer	Assist a customer at the Customer Assistance Terminal at the end of Aisle	32	Complete	12	Jan. 9, 2013, 9:23 a.m.	Jan. 9, 2013, 9:53 a.m.	Edit